

SALIENT FEATURES



- IGBT based double conversion on-line Topology
- DSP/Microprocessor Controlled
- Wide Input Range
- LCD Display
- Charger for extended backup time
- Scalable Battery option
- Generator Compatible

CERTIFICATION

- RoHS
- OHSAS 18001
- ISO 9001
- ISO 14001

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TECHNICAL SPECIFICATIONS FOR **EPOCH 1KVA(24V) ON-LINE UPS SYSTEM**

Capacity	1 KVA
INPUT	
Voltage Range	160 to 295V (It may be changed as per customer)
Frequency	45 to 55Hz
Power Factor	0.99 to unity
OUTPUT	
Voltage	230VAC
Regulation	±1%
Frequency	50Hz ± 0.05% in free running mode
Waveform	Pure sine wave
Harmonic Distortion	< 3% at full load (non linear load)
	< 2% (linear load)
Crest Factor	03:01
Overload Capacity	110% - for 10 min
	150% - for 5 cycles
Output Power Factor	0.8
BATTERY	
DC Bus Voltage	24V
Charger Type	Built-in solid state float-cum-boost charger with automatic boost/trickle
Transfer Time	0 ms
Battrey Type	VRLA-SMF/Tubular
Charging Current	10% of Battrey AH
INDICATOR	
Multi Function	Battery Level, Load Level, AC Mode, Battery Mode By Pass Mode,fault indicator
LED Display/LCD	
Display	
METERING	
LCD Display	Input Voltage,Input Frequency, Output Voltage, Output Frequency,Output Current,Percentage Load.DC Voltage
AUDIBLE ALARM	
AC Failure	Every 4 seconds
Battery Low	Every seconds when approaches to low level
UPS Fault	Continuous alarm
PROTECTION	
Electronic Protection	Output overload, short circuit, Over temp, Battery low, Over charge,Input Voltage high/low
EFFECIENCY	
Overall	87%
Inverter	> 92%
AMBIENT CONDITION	
Temperature	0-40 degree centigrade
Humidity	0-95% at non condensing
Audible Noise	< 60 db at 1 metre